


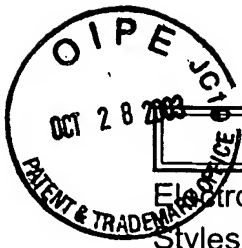


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Electronic Patent Application Submission
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Title of Invention: Seismic Signaling Apparatus and
Method for Enhancing Signal
Repeatability
First Named Inventor: Harold Barber
Domestic/Foreign Application: Domestic Application
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Confirmation number: 8432
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Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
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TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0


Title of Invention	Seismic Signaling Apparatus and Method for Enhancing Signal Repeatability									
Application Number: 10/609035 										
Date: 2003-06-27										
First Named Applicant: Mr. Harold P. Barber Sr.										
Confirmation Number: 8432										
Attorney Docket Number: 1309-1018										
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<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Mr. Lawrence R. Youst Registered Number: 38,795</td><td>/Lawrence R. Youst/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Mr. Lawrence R. Youst Registered Number: 38,795	/Lawrence R. Youst/	Attorney		
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	us-ids.dtd									
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Comments										



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Seismic Signaling Apparatus and Method for Enhancing Signal Repeatability																																																																																																													
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<h2>US Patent Documents</h2> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>4597352</td><td>1986-07-01</td><td>Norminton</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>4793274</td><td>1988-12-27</td><td>Regone</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>4479183</td><td>1984-10-23</td><td>Ergas</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>4142353</td><td>1979-03-06</td><td>Bruce et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>4648647</td><td>1987-03-10</td><td>Patton</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>5486082</td><td>1996-01-23</td><td>Feldman et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>4757482</td><td>1988-07-12</td><td>Fiske, Jr.</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>6061635</td><td>2000-05-09</td><td>Barber, Sr.</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>5469404</td><td>1995-11-21</td><td>Barber et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>10</td><td>4716553</td><td>1987-12-29</td><td>Dragsund et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>11</td><td>4956822</td><td>1990-09-11</td><td>Barber et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>12</td><td>4686660</td><td>1987-08-11</td><td>Glestrum et al.</td><td></td><td></td><td></td></tr></tbody></table>							init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	4597352	1986-07-01	Norminton					2	4793274	1988-12-27	Regone					3	4479183	1984-10-23	Ergas					4	4142353	1979-03-06	Bruce et al.					5	4648647	1987-03-10	Patton					6	5486082	1996-01-23	Feldman et al.					7	4757482	1988-07-12	Fiske, Jr.					8	6061635	2000-05-09	Barber, Sr.					9	5469404	1995-11-21	Barber et al.					10	4716553	1987-12-29	Dragsund et al.					11	4956822	1990-09-11	Barber et al.					12	4686660	1987-08-11	Glestrum et al.			
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	13	4715023	1987-12-22	Oto
	14	4721180	1988-01-26	Haughland
	15	6091668	2000-07-18	Barber, Sr.
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	21	4326271	1982-04-20	Ziolkowski
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	29	5212669	1993-05-18	Jenkins

Signature

Examiner Name	Date